

Hydrology

in the Hungarian People's Republic.

50-12-13/10

III. The third period lasting from 1921-1944 is characterized by a certain decrease of interest of the government authorities, with respect to the hydrological works and scientific-hydrological problems. The hydrographical department was broken up and its head, on the base of which the hydrological institute was established, correspondingly at the system of the Agricultural Ministry. Unfortunately, this fact was to incentivate the further development of the hydrological works.

IV. The forth period of from 1945 up to now. During this time the institute has taken again its social activity, and renewed the network of the hydroeteorological stations. Diurnal maps of the water-level and hydrological annual relations were published again. In 1952 the Scientific Research Institute for Regulation of the Water Supply was founded, which has treated the question concerning the study and exploitation of the waters. Besides, during its practical activities, viz. management of the network of the hydrological stations and posts, collection of data, publication of hydrological data, service of the agricultural forecasts and informations, and others. The scientific activity of the institute developed in all directions.

1) The work on the domain of systematization and generalization:

Card 2/3

Hydrology in the Hungarian People's Republic.

50-12-13/19

the results of the hydrological observations serving various practical purposes of the economic organisations and the hydrotechnical projectings.

2.) Hydrological works, which were to carry out for the purpose of protection against the water catastrophes and for the investigation of the character of the genesis of high-water-levels.

3.) Measures to guarantee the irrigation, which had vastly developed during the last years.

4.) Works on the alteration of the river beds and the removal of the alluviations.

5.) Hydrological works on the investigation of the ice conditions of the rivers. The results of these works found a practical application in shipping traffic on the rivers during the cold season.

6.) Hydrochemical works, summary of the hydrometrical catalogues of the network of streams of Hungaria.

7.) Hydrometrical works and measures for the purpose of improvement of the observation and development of the hydrological network. In comparison to the year 1954 the net work of the observation stations was essentially enlarged.

AVAILABLE:
Card 3/3

Library of Congress
I. Hydrology-Hungary

MURANOV, Aleksandr Pavlovich; BORSUK, O.N., otv.red.; LIVSHITS, B.Ye.,
red.; VLADIMIROV, O.G., tekhn.red.; BRAYNINA, M.I., tekhn.red.

[The Yangtze River] Reka IAntszy. Leningrad, Gidrometeor.
1sd-vo, 1959. 122 p. (MIRA 13:1)
(Yangtze River)

MURANOV, Aleksandr Pavlovich; BORSUK, O.N., otv.red.; PROTOPOPOV, V.S.,
red.; VOLKOV, N.N., tekhn.red.

[Rivers Euphrates and Tigris] Reki Evfrat i Tigr. Leningrad,
Gidrometeor.izd-vo, 1959. 138 p. (MIRA 13:4)
(Euphrates River) (Tigris River)

3(7)

AUTHOR:

Muranov, A. P.

SOV/50 59-5-17/22

TITLE:

Hydrology in the People's Republic of Bulgaria (Gidrologiya v Narodnoy Respublike Bolgarii)

PERIODICAL: Meteorologiya i hidrologiya, 1959, Nr 5, pp 56 - 58 (USSR)

ABSTRACT:

A survey of the development of hydrology in Bulgaria is given here. The first hypsometric station was built on the Black Sea in 1901. The whole development can be divided into 4 stages: 1901-1920, 1920-1934, 1934-1949, and 1949 up to date. The hydrological service was completely reorganized in 1949. The hydrometeorological service of the country was established in 1950. The hydrological part of it comprised 4 sections: hydrology, network, evaluation of hydrological data, water cadastre. There were 265 hydrological stations in 1950, and already 282 in 1955. The whole country is divided into 60 hydrological districts which comprise 4 areas. The first discharge stations were built in 3 places of the country marking different physical-geographical conditions. A Scientific Research Institute of Hydrology and Meteorology was established within the hydrometeorological service in 1954. The most outstanding work of the Institute was the edition of a handbook on the rivers

Card 1/3

Hydrology in the People's Republic of Bulgaria

SOV/50-59-5-17/22

of Bulgaria. From 1952, the periodical "Khidrologiya i meteorologiya" has been published. Hydrological investigations have also been carried out by the water project, the water-canal project and the section of water economy at the Technical Institute of the Bulgarian Academy of Sciences. On February 26 and 27, 1956, a scientific conference on hydrology took place in Sofia, which was dedicated to problems of regulation and utilization of the discharge of Bulgarian rivers. More than 150 scientific and technical co-workers of the Hydrometeorological Service, of the Academy of Sciences, and of various production and project organizations were present. 5 reports were delivered. B. Marchinkov and R. Papazov spoke on the development of hydrological science. I. Marinov offered a scientific foundation for the distribution of hydrological stations in the Bulgarian area. R. Minchev reported on the development of hydrological forecasts. R. Raykov and Sh. Benatova put forward methods of calculating the discharge in river regulation. At the 3rd All-Union Hydrological Congress in October 1957 in Leningrad, I. M. Ivanov (Bulgaria), Director of the Scientific Research Institute of Hydrology and Meteorology, reported

Card 2/3

Hydrology in the People's Republic of Bulgaria

SOV/50-59-5-17/22

on the work of many years of the Bulgarian Hydrometeorological Service. There are 10 references.

Card 3/3

MURANOV, A.P.

Floods in rivers of the United States and methodological problems
in computing their flow. Trudy GGI no.78:3-92 '60. (MIRA 13:8)
(United States--Floods)

ANIKHTEVA, N. I., MURANOV, V. A.

Concentrator. Zav. lab. 31 no. 42513 965.

(MIRA 18e12)

MURANOV, V.I.

AUTHOR: Muranov, V.I., Engineer 91-58-7-7/27

TITLE: Exchange of Experience (Obmen optyom). Prevention of Dust Explosions in the Mill (Preduprezhdeniye vzryvov pyli v mel'nitse).

PERIODICAL: Energetik, 1958, Nr 7, pp 20-21 (USSR).

ABSTRACT: This article describes the causes of explosions of pulverized coal and measures taken for their elimination in ball mills of "Sh-10" type during the milling of moist tails (up to 15%) and of low-ash tails (up to 20%) of coal concentrate. There is one diagram.

1. Coal processing--Hazards 2. Ball mills--Hazards 3. Dust explosions--Preventive measures

Card 1/1

MURANOV, V.I., inzh.

Operating a pneumatic system for ash removal. Elek.sta. 29
no.11:71-72 N '58. (MIRA 11:12)
(Ash disposal)

MALAKHOVSKIY, Yu.Ye.; MURANOVA, A.D.; POTEPALOVA, V.N.

Concerning a normal myelogram in healthy children under three years of age. Probl. gemat. i perel. krovi 8 no.7:32-38 Jl '63.

(MIRA 17:10)

1. Iz Kemerovskoy oblastnoy bol'nitsy (glavnnyy vrach Ye.P.Nechayeva, nauchnyy konsul'tant - prof. G.A.Alekseyev).

MALAKHOVSKIY, Yu.Ye.; MURANOVA, A.D.

Dynamics of megakaryocytopoiesis in children with Werlhof's disease
during prednisolone therapy. Probl. gemat. i perel. krovi no.5
17-22 '65. (MIRA 18:10)

1. Kemerovskaya oblastnaya klinicheskaya bol'ница (glavnyy
vrach - zasluzhennyj vrach RSFSR Ye.P. Nechayeva) i kafedra
patofiziologii (zav.- prof. D.I. Gol'dberg) Tomskogo meditsinskogo
instituta.

CZECHOSLOVAKIA/Farm Animals - General Problems

Q

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69231

Author : Muransky, J.

Inst :

Title : Effects of Various Methods of Drying Green Fodder upon
the Nutritional Value of Hay

Orig Pub : Pol'nohospodarstvo, 1957, 4, No 4, 749-762

Abstract : In drying the green mass by the usual process on the ground (control) or on racks of various types (experiment) under conditions of bad weather, the following results were obtained (indexes of experimental drying in percentages in relation to the corresponding indexes of control drying): in drying clover-grass mass: hay yield (HY) 103-112, content of -carotene in hay 933-1,117, raw fat (RF) 139-150, ash 109-115, raw cellulose (RC) 111-117, protein (P) 118-142, digestible protein (DP) 127-142, extractive substances without

Card 1/2

- 6 -

IZAKOVIC, V.; SVEC, M.; MURANSKY, J.; TIBENSKY, T.

Giant fetus as an early ("prediabetic") indication of maternal diabetes in the mother. Bratisl. lek. listy 45 no.9:555-560
15 N '65.

1. Katedra vnutorneho lekarstva Ustavu pre dalsie vzdelavanie lekarov a farmaceutov v Trancine (veduci doc. MUDr. D. Dieska), interne oddelenie Obvodniho ustavu narodniho zdravi v Topolcanoch (viduci primar MUDr. E. Gressner), interne oddelenie Obvodniho ustavu narodniho zdravi v Novych Zamkoch (veduci primar MUDr. R. Suchanek) a interne oddelenie Obvodniho ustavu narodniho zdravi v Trnave (veduci primar MUDr. K. Proray).

MURANSKY, Juraj, inz.

Determination of the optimum alternative for changing
tools in an automated production by the Monte Carlo method.
Stroj vyr 12 no.1:13-17 Ja'64.

1. Vysoka skola technicka, Kosice.

MURANSKY, Juraj, inz.

Lasers and their use in mechanical engineering. Tech praca
16 no. 6:423-428 Je '64.

1. Chair of Machining Technology, Higher School of Technology,
Kosice.

MURANSKY, Stanislav, dr.

Areas of the greatest air and water pollution in Czechoslovakia
Sbor zem 69 no 4.286-299 '64.

1. State Institute of Zone Planning, Prague 1, Maternska 19.

MURANT, A.E.

USSR/Human and Animal Morphology - Blood Groups.

R-4

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70614

Author : Mourant, A.E.

Inst :

Title : The Contribution of the Blood Groups to Human
Classification.

Orig Pub : Arch immunol. terap. doswiadc., 1955, 3, 397-404

Abstract : No abstract.

Card 1/1

- 110 -

MURANYI, A.
(3205)

Pharmakologisches Institut der Peter-Pazmany-Universitat Budapest. Über die Wirkung der Morphin-Scopolaminarkose auf die zentral und peripher bedingte Stoffwechselsteigerung
The effect of morphine-scopolamine narcosis on centrally and peripherally governed increase
of metabolic rate Naunyn-Schmiedeberg's Archiv fuer Experimentelle Pathologie und
Pharmakologie 1948, 205/4-5 (406-414) Tables 4

Morphine-scopolamine narcosis (2 mg. and 0.2 mg. per 100 g. bodyweight) very slightly diminishes gasexchange in the rat, but it completely inhibits the metabolism-increasing effect of amphetamine, (pulsoton' (-hydroxyphenylisopropylamine) and ephedrine 0.01-0.02 mg./100 g.), although in urethane-anaesthetized animals these drugs cause a 40-60 % increase in basal metabolism. Morphine-scopolamine narcosis paralyses the metabolic centres of the hypothalamus and thus inhibits the effect of the above-mentioned drugs on these centres, but it does not influence the increase in oxygen-consumption caused by adrenaline and -dinitrophenol which act directly on the cells. Morphine-scopolamine narcosis is useful for the separation of centrally-produced increase of metabolism from that of peripheral origin.

Issekutz - Budapest

SO: EXCERPTA MEDICA, Vol. II, No. 6, Section II, June 1949

MURANYI, Ákos

Study plan in the service of economy. Vaszut 13 no.2:8 P '63.

1. Kozalekedes- es Postaügyi Miniszterium Mussaki
Fejlesztési és Kozalekedespolitikai Fóosztaly.

HUNGARY/Chemical Technology. Chemical Products and Their
Application. Medicinals. Vitamins. Antibiotics.

H-17

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44312.

Author : Kovacs Laszlo, Muranyi Denes, Takacsi-Nagy Lorand.

Inst :

Title : Chemical Control of Medicinals Prepared in Accordance
with the New "Formulae Normales". Part I. 2nd Commu-
nication.

Orig Pub: Gyogyszeresz, 1955, 10, № 3, 47-51.

Abstract: Formulas and description of qualitative and quanti-
tative analyses of individual components of the
following medicinals prepared according to the new
"Formulae Normales": Solutio kalii jodati composita;
Solutio kalii jodati cum theobromino; Spiritus

Card : 1/2

46

MURANYI, E.

"From the Antenna to the Intermediate Frequency" p. 242
"Another Peace Achievement is Beaming the Voice of Truth" p. 243
(Radioteknika, Vol. 3, No. 11; November, 1953, Budapest)

SO: Monthly List of Russian Accessions / Library of Congress, Vol. 3, No. 3
March 1954, 1977, Uncl.

MURANYI, E.

MURANYI, E.

"From the Antenna to the Intermediate Frequency", p. 285

"New Radio Stations and New Call Signals", p. 287 (RADIOTECHNIKA,
Vol. 3, no. 12, Dec. 1953, Budapest, Hungary).

Source: Monthly List of East European Acces-sions, LC, Vol. 3, no. 5,
May 1954/Uncl.

MURANYI, E.

"From the Antenna to Medium Frequency. Pt. 10. (To Be Contd.)," P. 11,
(RADIOTECHNIKA, Vol. 4, No. 1, Jan. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

MURANYI, E.

"The 5+1 Tube, 12-Watt Push-Pull Amplifier", P. 14, (RADIOTECHNIKA,
Vol. 4, No. 1, Jan. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Unclassified.

MURANYI, E.

"From the Antenna to Medium Frequency. Pt. 11", P. 37, (RADIOTECHNIKA,
Vol. 4, No. 2, Feb. 1954, Uncl.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

MURANYI, E.

"From the Antenna to Medium Frequency. Pt. 12. (To Be Contd.)", P. 80,
(RADIOTECHNIKA, Vol. 4, No. 4, Apr. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

MURANYI, E.

"From the Antenna to Medium Frequency. Pt. 13. (To Be Contd.)",
P. 104, (RADIOTECHNIKA, Vol. 4, No. 5, May 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Unclassified.

MURANYI, E.

"From the Antenna to Medium Frequency. Pt. 14. (To Be Contd.), P. 12⁸,
(RADIOTECHNIKA, Vol. 4, No. 6, June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

MURANYI, E.

"System of Demodulation." Pt. 1. (To be contd.) p. 207 (RADIOTECHNIKA.
Vol. 4, No. 9, Sept. 1954; Budapest, Hungary.)

So: Monthly List of East European Accessions, (SEAL), LC, vol. 4, No. 4,
April 1955, Unclassified.

MURANYI, E.

"Demodulator Trade. Pt. 2." (To be contd.) p. 253 (RADIOTECHNIKA.
Vol. 4, No. 11, Nov. 1954; Budapest, Hungary.)

Re: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 4, April 1955, Uncl..

MURANYI, E.

"System of Demodulation." p. 273 (RADIOTECHNIKA. Vol. 4, No. 12, Dec. 1954; Budapest, Hungary.)

So: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, April 1955, Uncl..

MURANYI, E.

"Transmitter-receiver for the 1144 MHz." p. 281 (RADIOTECNIKA. 01. 4,
No. 12, Dec. 1954; Budapest, Hungary.)

So: Monthly List of East European Accessions, (HEAL), LC, Vol. 4, No. 4,
April 1955, Uncl..

MURANYI, E.

"System of Demodulation." Pt.3. (To be contd.) p. 6 (BALIOTES MIKA.
Vol. 5, No. 1, Jan. 1955; Budapest, Hungary.)

So: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4,
April 1955, Uncl..

MURANYI, E.

The Orion 820 A type radio. p.29.
RADIOTECHNIKA. (Magyar Orkentes Honvedelmi Szovetseg) Budapest.
Vol 6, no. 2, Feb 1956.

SOURCE: EEAL, Vol 5, no. 7, July 1956

MURÁNYI, F.

EXCERPTA MEDICA Sec.4 Vol.10/2 Microbiology Feb 57

289. MURÁNYI F. and PROHÁSZKA L. Veter. Res. Inst., Hungarian Acad. of Sci., Budapest. "Behaviour of salmonella strains in synthetic media ACTA MICROBIOL. ACAD. SCIENT. HUNG. 1956, 3 3 (247-252) Tables 2

Different Salmonella strains were cultivated in synthetic media containing inorganic salts and one amino acid. The experiments have shown that strains which are serologically identical (e.g. S. choleraesuis var. Kunzendorf and S. typhi suis var. Voldagsen) possess different enzyme systems. Only glutamic acid, serine, histidine and asparagine have been found to be capable of supplying sufficient N and C to Salmonellae. These findings do not correspond with those of Kauffmann and Möller who found that Salmonella strains could break down lysine and arginine, but not glutamic acid. The divergence between these results may be attributed to differences in experimental conditions.

Füresz - Budapest

PROHASZKA, L.; MURANYI, F.

The role of serine in the metabolism of Escherichia coli strains. Acta
microb. hung. 5 no.3:237-241 1958.

1. Veterinary Research Institute of the Hungarian Academy of Sciences,
Budapest.

(SERINE, metab.

E. Coli, utilization & significance for typing of strains)

(ESCHERICHIA COLI, metab.

serine utilization, significance for typing of strains)

HUNGARY / Microbiology. General Microbiology.
Physiology and Biochemistry.

F

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 19444

Author : Prohaszka, L.; Muranyi, F.

Inst : Not given

Title : The Role of Serine in Metabolism of the
Strains of Escherichia coli

Orig Pub : Magyar allatorv. Japja, 1958, 13, No 5,
127-129

Abstract : Out of 21 investigations of the amino acids,
only glutamic and aspartic acids, α -alanine
and also asparagine were used by all (220)
strains of the coliform bacterium as the only
source of carbon and nitrogen. Serine sus-
tained the growth of 123 strains; but if,
besides serine, glucose or pyrotartaric acid

Card 1/2

process, brings about a large increment to
the biological mass and, in some cases, in-

HUNGARY

BERTOK, Lorand; MURANT, Ferenc; Pathophysiological Department of the Animal Hygiene Research Institute of the Hungarian Academy of Sciences (Magyar Tudomanyos Akademia Allatekeszsegsegui Kutato Intezetnek Kor-elettan Osztalya)

"Experimental Ileus in Rats Induced by Diet."

Budapest, Körerletes Orvostudomány, Vol XIV, No 6, 1962, pp 39-50.

Abstract: [Authors' summary] The authors report on experimental ileus on rats induced by diet. Ileus was induced by high carbohydrate (75%) and protein poor (10%) diet. The first strangulation ileus death appeared 3 weeks after the beginning of the diet. In 10⁴ days, 50 per cent of the rats died of ileus. The intestinal flora of the expired animals changed characteristically before their death. The number of coli decreased significantly, the number of lactobacilli and anaerobic spore-forming bacteria increased simultaneously.

[3 Western, 2 Hungarian references]

1/1

— 29 —

1/1

MURANYI, GY.

MURANYI, GY. Liquidation of fowl cholera. p. 31.

Vol. 11, no. 15/16, Aug. 1956

MAGYAR MEZOGAZDASAG

AGRICULTURE

Budapest, Hungary

See: East European Accession, Vol. 6, No. 5, May 1957

MURANYI, J.; DALLOS, A.

"Characterization of stands in forestry-operational plans." p. 193.

AZ ERDO. (Orszagos Erdeszeti Egyesulet). Budapest, Hungary, Vol. 8,
No. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Unclu.

HUNGARY

MURANYI, Janos, Dr; Hospital of the Hajdu-Bihar Megye Council (director: MANYI, Geza, Dr) Urological Ward (chief physician: DIOSZEGHY, Gyorgy, Dr) (Hajdu-Bihar Megyei Tanacs Korhaz, Urologiai Osztaly).

"Cholesteatoma in the Kidney."

Budapest, Magyar Sebeszet, Vol XVI, No 3, June 1963, pages 201-203.

Abstract: [Author's German summary] The cholesteatoma renis is a good example of the difficulties which present themselves in the differential diagnosis of pyelum carcinoma, cholesteatoma renis and renal tb. The urinary sediment should be examined for keratin-masses. Although the disease is rare, the presence of keratin is decisive in the early correct diagnosis and can, therefore, be life-saving.
8 Western, 3 Hungarian references.

1/1

BODA, Domokos, Dr.; MURANYI, Laszlo, Dr.

New possibilities in the treatment and testing of acid-base equilibrium disorders. Gyermekgyogyaszat 10 no.9:266-275 Sept 1959

1. A Fovaros Laszlo Korhazanak kozlemenye.
(ACID BASE EQUILIBRIUM)

BODA, Domokos, dr.; MURANYI, Laszlo, dr.; LAZAR, Imre, dr.; SZIJJAHTO, Oliver, dr.;
VERES, Dezsö, dr.

Role of prolonged mechanical artificial respiration in the
treatment of poisoning with narcotic preparations. Orv. hetil.
101 no.17:577-583 24 Ap '60.

1. Fovarosi Laszlo korhaz, a Fovarosi Kordanyi korhaz mergezesi
osztalya es a Magyar Nephadseg Mu. Szolgatala.
(BARBITURATES toxicol.)
(RESPIRATION ARTIFICIAL)

BODA, D.; MURANYI, L.

Intermittent positive pressure breathing and curare in the treatment
of severe pneumonic respiratory distress. Acta paediat. acad. sci.
Hung. 2 no.3:261-267 '61.

1. Lasslo Central Hospital for Infectious Diseases (Director: Dr. J.
Roman)

(PNEUMONIA in inf & child) (CURARE therapy)
(RESPIRATION ARTIFICIAL in inf & child)

BUDA, Domokos, dr.; MURANYI, Laszlo, dr.

The pathophysiological significance of dyspnea in pneumonia and the
treatment of respiratory disorder. Orv. hetil. 102 no.41:1921-1927
80 '61.

l. Fovarosi Laszlo Korhaz, Budapest.

(PNEUMONIA in inf & child)
(DYSPNEA in inf & child)

~~MURANYI, Laszlo~~ [Muranyi, Laszlo]; BODA, Domokosh [Boda, Domokos]; KOVACH, Ferents [Kovacs, Ferenc]; UL, Karoy [Ul, Karoly]

Use of controlled respiration in combination with curare for treating acute convulsive states in childhood. Zhur.nevr.i psikh. 62 '62. (MIRA 15:9)

1. Budapeshtskaya gorodskaya infektsionnaya bol'ница "Laslo".
(CURARE) (ARTIFICIAL RESPIRATION) (CONVULSIONS)

MURANYI, Laszlo, dr.; BODA, Domokos, dr.; KOVACS, Ferenc, dr.; UHL, Karoly, dr.

Experience with artificial respiration combined with muscle relaxation
in acute spastic conditions in infants. Orv, hetil. 103 no.25:1173-1176
24 Je '62.

1. Fovarosi Laszlo Korhaz.

{SPASM in inf & child) (INFANT NEWBORN dis)

{RESPIRATION ARTIFICIAL in inf & child) (CURARE ther)

BODA, D., dr.; MURANYI, L., dr.; PATAKI, L., dr ; VASS, Ilona, dr.

Resuscitation measures and first-aid treatment. Pediatria (Bucur.)
14 no.2:97-99 Mr-Ap'65.

1. Lucrare efectuata in Clinica de pediatrie a Universitatii
de stiinte medicale din Szeged (Ungaria) (director: prof.
D. Boda).

MURANYI, L.; BODA, D.

The significance of the rebreathing method in the bloodless examination of arterial CO₂-tension and of the respiratory function in childhood. Česk. pediat. 20 no.3:265-269 Mr '65

Investigations of the difference of pCO₂ in arterial blood and alveolar air. Ibid. 270-274

1. Universitäts- Kinderklinik Szeged, Ungarn

MURANYI, Laszlo

Role of plastic foils in map reproduction. Good kart 15 no.4:
280-284 '63.

MURANYI, N.

Distr: 4E3c/4E3d

19

70. The New Hungarian Nuclear reactor. -1) D.N.: O.Y.
K.N.G.A.S., M. Muranyi, I. Marton, Z. Szilassi
K. Bokor. Magyar Lepirter, Vol. 7, 1958, No. 3, pp. 90-98.
6 figs.

The office containing the reactor is T-shaped and situated in the centre of the experimental plant with the secondary buildings (cooling tower, ventilating engine room, transformer station etc.) built around it. The 80 m long, 5-storey transversal part accommodates the laboratories, the power distribution room, the room containing switchboards for dosimetric instruments, the switchboards for plant control, the research workers' studies. The stem of the T is constituted by the 30 x 31.5 m base, 23 m high two-storey reactor room incorporating the 7 m dia., 12 m high bulk of the reactor and the experiment chambers requiring a higher degree of protection against radiation. This protection was ensured by a 2.5 m thick 'heavy' concrete (weighing 3.3-4.5 t per cu.m. containing hematite, limeclay and iron scrap as aggregates) wall directly around the reactor and a 1 m thick wall between the reactor room and the laboratories. The required jointless continuity of the floors is ensured in general by rubber flooring and, in rooms subject to heavy contamination, by stainless steel flooring. The insulation of the numerous pipelines (for various types of sewage, water supply, gas, ventilation etc.) which had to be perfectly sealed and yet be conveniently serviced and supervised constituted a special problem.

JW

YI

RNP

MURANYI, M.

Distr: 123c/133d

71. The mechanical equipment of the experimental nuclear reactor at Czillberc, Z. Nyitrai, M. Muranyi, Eplibel-project, Vol. 7, 1958, No. 3, pp. 31-35, 8 figs., 1 tab.

The first Hungarian nuclear reactor under construction at Czillberc is an experimental pile and not an atomic power plant. It is being built for the purposes of nuclear and biological research, and the production of radioactive isotopes, it will not generate electric power. The overall requirements for industrial water are 40,000 l per hour. Hot water is delivered to the radiators, showers etc. of the main building, boiler plant and laboratories and the washing equipment of the "hot" chambers. Distilled water for the primary circuit is supplied by four electric distillers, each of 60 l per hour capacity, and two pressure tanks. Separate sewage systems are provided for rain water, for sewage from the lavatories etc., for laboratory (acid) and for radioactive waste waters. Compressed air is supplied at 4 atm gauge pressure by two compressors of 69.5 cu.m drawn-in air capacity each. The primary circuit dissipates the heat of the fuel elements, it has a turnover of 900-1000 m³ s per hour. The secondary circuit cools to 34°C the 38°C distilled water circulating in the primary circuit. The 3% acid solution for washing the internal surfaces of the "hot" chambers and the conveyors inside them is prepared and delivered by a special equipment. Dosemetric checking apparatus, automatic checking and signalling equipment for controlling the main and auxiliary equipments in the main building, in the two sewage tanks and in the ventilating plant are some of the special equipment.

BALINT, Istvan, dr.; MURANYI, Mihaly

Role of psychological factors in the occurrence of accidents
in the light industry. Munkavedelem 6 no.4/6:42-50 '60.

1. Orszagos Munkaegeszsegugyi Intezet.

BALINT, Istvan, Dr.; MURANYI, Mihaly

The effect of psychological factors on the development of accident statistics in the light industry. Munkavedelem 7 no.10/12:47-53 '61.

MURANYI, MIHALY

SURNAME, Given Name

(2)

Country: Hungary

Academic Degrees:

Affiliation: State Workhygiene Institute, Department Of Occupational Neuroses and Workpsychology (Országos Munkaegészségügyi Intézet Foglalkozási Idegbetegségek és Munkalektani Osztálya);
Chief: (Vezető) István BÁLINT, Dr

Source: Budapest, Magyar Pszichológiai Szemle, Vol 18, No 3, 1961,
pp 306-317.

Data: "Investigation of the Action Mechanism of Neurosis Inducing Factors on Hollerith Bookkeepers." Bookkeeping Machines

Authors:

✓ BÁLINT, István, Dr

✓ MURANYI, Mihály

670-5-103

BALINT, Istvan, dr.; SOOS, Gabor, dr.; MURANYI, Mihaly, dr.

Role of psychogenic factors in the development of peptic ulcer in
stocking knitting industry. Orv. hetil. 102 no.13:593-595 26 Mr '61.

1. Orszagos Munkaegeszsegugyi Intezet.

(PEPTIC ULCER psychol)
(OCCUPATIONAL DISEASES psychol)

BALINT, Istvan, dr.; MURANYI, Mihaly

Role of psychological factors in the migration of manpower. Munka
szemle 5 no.11:25-29 N '61.

BALINT, Istvan, dr.; FOLDES, Eva; MURANYI, Mihaly

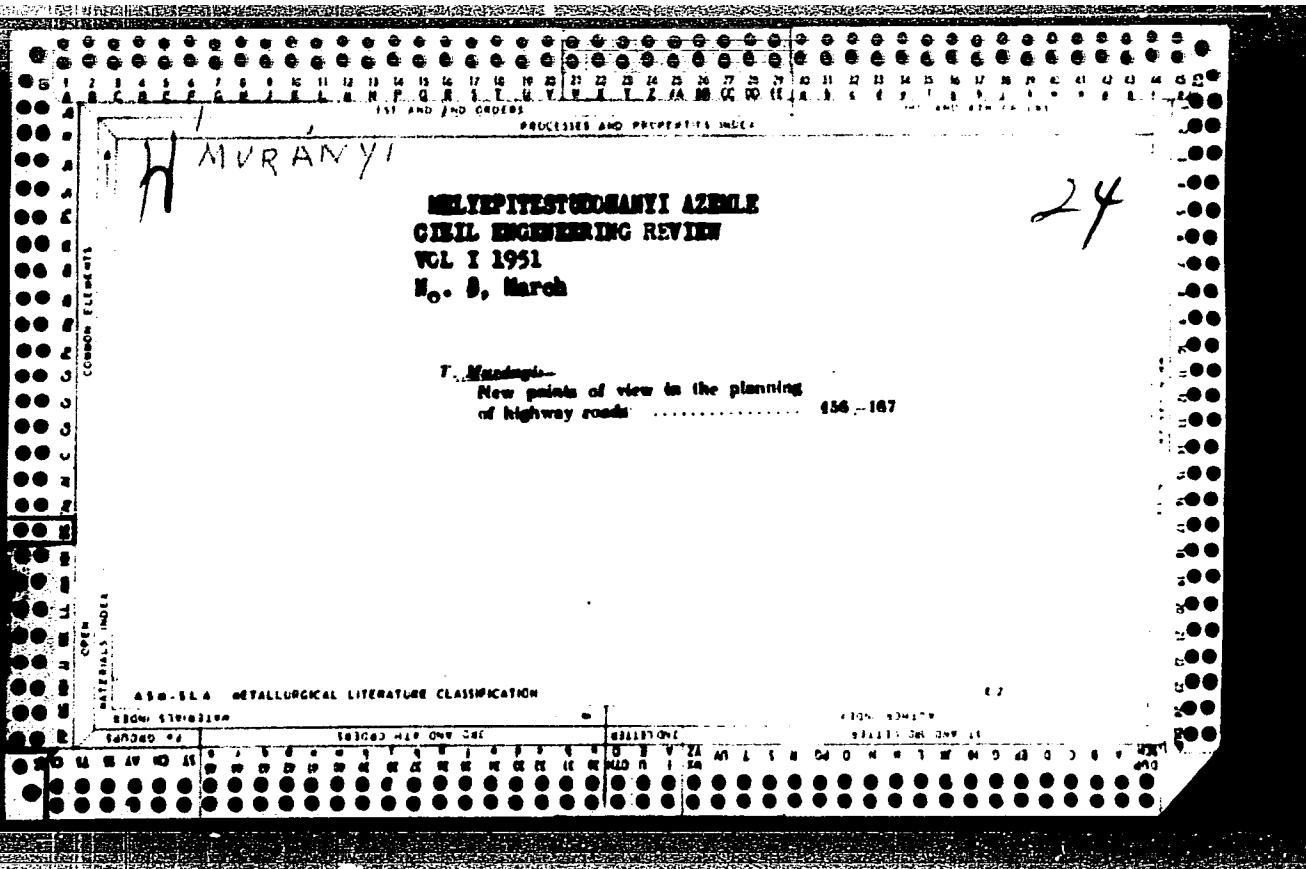
Analysis of psychological motives contributing to frequent
workplace changes. Munkavedelem 10 no.1/3:42-52 '64.

1. National Institute of Labor Hygiene, Budapest.

BALINT, Istvan, dr.; HODOS, Tibor; MURANYI, Mihaly

Analysis of the complex factors playing a role in the origin
of industrial accidents. Munkavedelem 10 no.7/9:33-41 '64.

1. National Institute of Labor Hygiene, Budapest.



MURANYI T.
T. MURANYI

"Photogrammetry Used in Planning our Communication Network." p. 118
(Mélyepítészeti Szemle, Vol. 3, no. 3, Mar. 1953 Budapest.)

Vol. 2, no. 9

SO: Monthly List of East European Accessions./Library of Congress, Sept 1953, Uncl.

MURANYI
T. MURANYI

"Photogrammetry Used in Planning our Communication Network." p. 174
(Melyepitestudomanyi Szemle, Vol. 3, no. 4, Apr. 1953 Budapest.)

Vol. 2, no. 9

SO: Monthly List of East European Accessions./Library of Congress, Sept 1953, Uncl.

MURANYI, T.

Laws governing the fluctuation of road traffic. p. 337.
KOZLEKELDESTUDOMANYI SZEMLE. Budapest. Vol. 5. no. 9, Sept. 1955.

SOURCE: East European Acquisitions List (EAL), LC, Vol. 5, no. 2, 1955.

MURANYI, T.

Scientific foundations of highway-system planning. In English. p. 13.
(Acta Technica, Vol. 16, No. 1/2, 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 3, Aug 1957. Uncl.

HUNGARY

Mrs. MEGYIL-KOVACK, Erzse, of the Institute for Children's Psychology at the Hungarian Academy of Sciences (Magyar Tudomanyos Akademia Gyermeklektani Intezete); location not given).

"Henry Wallon, 1873-1962"

Budapest, Magyar Psichológiai Szemle, Vol. 30, No. 1, 1962, pp. 117-121.

Abstract: This article is an obituary of WALLON, Henry, the renowned French psychologist, who died 1 Dec 1962 in Paris, France. The professional career of the deceased was briefly reviewed. Twenty-two references, including 19 French (Wallon's papers), 1 Hungarian, 1 Russian, and 1 Western.

MASCIAR, P.; MURAR, J.

Investigation of hemoglobin biosynthesis in rat reticulocytes. Coll
Cz Chem 26 no.10:2562-2569 O '61.

1. Institute of Biochemistry, Faculty of Medicine, P. J. Safarik Uni-
versity, Kosice.

MASIAR, P.; MURAR, J.

Ununiform incorporation of L-C14-alanine into rat hemoglobin in vitro.
Preliminary communication. Bratisl. lek. listy 41 no.9:532-536 '61.

1. Z Katedry biochemie Lek. fak. Univ. P. J. Safarika v Kosiciach,
veduci doc. MUDr. P. Masiar.

(HEMOGLOBIN chem) (ALANINE chem)

MURAR, J.; MASIAR, P.

On hemoglobin biosynthesis. Part 2 : Incorporation of ^{14}C -leucine into rat hemoglobin in vitro. Coll Cz Chem 27 no.2:504-506 . '62.

1. Department of Biochemistry, Faculty of Medicine, P.J. Safarik University, Kosice.

L 60315-65
ACCESSION NR: AP5021085

CZ/CC49/64/000/012/0897/0903

17

B

AUTHOR: Murek, Jozef (Murek, Ya.) (Kosice); Sova, Otto (Kosice); Babjak, Miron (Bab'yak, Mikhail) (Kosice); Masiar, Pavol (Masiar, Pavel) (Docent, Doctor, Candidate of sciences) (Kosice)

TITLE: Contribution to the study of spectra of blood sera of some mammals by means of paper electrophoresis

SOURCE: Biologia, no. 12, 1964, 897-903

TOPIC TAGS: blood, blood serum, experiment animal, protein, electrophoresis

Abstract: The authors performed electrophoretic analysis of the sera of man, monkey, horse, cattle, sheep, pig, and rat. The results of their experiments agree with the information available at present. Basic data covering the composition of the serum of the monkey Macacus Rhesus were recorded. The possibility of using the analysis of the proteins in the serum in the study of basic physiological and pathophysiological conditions of domestic animals is discussed. Orig. art. has 1 figure and 2 tables.

Card 1/2

L 60313-65

ACCESSION NO: AP5021085

ASSOCIATION: Katedra biochemie Lekarskej fakulty Univerzity P. J. Safarika, Kosice
(Department of Biochemistry, Medical Faculty of University of P. J. Safarik)

SUBMITTED: 09Nov63

ENCL: 00

SUB CODE: LS

NO REF Sov: 000

OTHER: 018

JPRS

Card 2/2

RULEA, Gh., conf. univ.; MURARESCU, I., ing.; ZAGANESCU, F., ing.,
candidat in stiinte tehnice.

Cosmic radio relays. St si Teh Buc 16 no.9:10-14,18 S'64

RUMANIA/Inorganic Chemistry. Complex Compounds.

C

Abs Jour: Ref Zhur-Khim., No 15, 1958, 49837.

Author : Gropsianu Z., Murarescu M.

Inst :

Title : Reduction of WO_3 with Hydrogen and Methyl Alcohol.

Orig Pub: Comun. stiint. si tehn., 1956, 1, 85-87.

Abstract: Study of the reducing action of the vapor of pure or admixed with hydrogen CH_3OH , at high temperature, on WO_3 . At 600° and a weight ratio of $H_2 : CH_3OH = 1/5$, pure WO_2 is obtained. -- From author's summary.

Card : 1/1

MURARESCU, M.

RUMANIA/Physical Chemistry - Solutions, Theory of Acids and Bases. B-11

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3937.

Author : Z. Gropsiamu, M. Murarescu.

Inst : Academy of Sciences of Rumania, Timisoara Section.

Title : Volatility of Aqueous Solutions of Boric Acid.

Orig Pub: Studii si cercetari stiint Acad RPR. Baza Timisoara.
Ser. stiinte chim., 1956, 3, No 3-4, 67-73.

Abstract: The volatility of aqueous solutions of boric acid was determined under the general pressure of 750, 600, 450 and 300 mm of mercury column. The results were adjusted using Raoult's (sic!) [probably Raoult's law] law. The obtained results indicate that boric acid is little volatile and that its volatility depends directly on the concentration up to the mean content of 25% by weight. Volatility rises little at high concentrations. It is emphasized that the greater results of other authors have been caused by the fact that boric acid volatilize easily at boiling.

Card : 1/1

-10-

L 51,681-65 EWP(t)/EWP(b) JP

ACCESSION NR: AP5017719

RJ/0017/64/000/010/0446/0450

AUTHOR: Muraretu, Gh. (Engineer); Popescu, T. (Engineer)

10

B

TITLE: Heat recuperator in the form of a chimney for cupolas

SOURCE: Metalurgia, no. 10, 1964, 446-450

TOPIC TAGS: foundry equipment, metallurgical furnace

ABSTRACT: The authors describe the heat recuperator designed and installed at the 600-millimeter cupola furnace of the "Electropuțere" of Craiova, and give some data on its operation. They found the device to be safe and efficient. Orig. art. has 2 figures, 8 formulas, and 2 tables.

ASSOCIATION: Uzinele "Electropuțere", Craiova ("Electropower" Works)

SUBMITTED: OO

ENCL: 00

SUB CODE: IE, MM

NO REF SOV: 000

OTHER: 004

JPRS

Card 1/1

SONTEA, S., ing.; MURARETU, Gh., ing.; BALTANOIU, M., ing.

Influence of the chemical composition and structure on the
electric resistance of cast-iron elements for electric apparatus.
Metalurgia Rum 17 no.2:90-92 F '65.

1. "Electropuerte" Plant, Craiova.

L 54482-65
ACCESSION NR: AP5017729

EWA(d)/EXP(t)/EWP(z)/EWP(b)/EWA(c) PI-4 JD/HM
RU/0017/64/000/011/0473/0477

AUTHOR: Murariu, A. (Engineer) 17
b

TITLE: Calculation of the working diameter in caliber rolling

SOURCE: Metalurgia, no. 11, 1964, 473-477

TOPIC INDEX: metal rolling b

ABSTRACT: The author reviews and describes the existing methods for calculating, respectively, the transport diameter and the working diameter in caliber rolling. A graphic-analytical method is suggested for calculating the transport diameter in the continuous rolling of some calibers of special shapes. Orig. art. has: 2 figures, 11 formulas, 1 table.

ASSOCIATION: Combinatul Siderurgic, Hunedoara (Metallurgical Combine)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NR REF Sov: 001

OTHER: 002

JPRS

Card 1/1

L 33144-66 EMP(k)/EMP(h)/EMP(v)/EMP(t)/ETL/EXP(1) LJP(c) JD/HM
ACC NR: AP6024569 SOURCE CODE: RU/0017/65/000/003/0125/0130

AUTHOR: Murariu, A. (Engineer)

ORG: Siderurgical Combine, Hunedoara (Combinatul Siderurgic)

TITLE: Considerations on metal flattening during rolling 16

SOURCE: Metalurgia, no. 3, 1965, 125-130

TOPIC TAGS: metal rolling, metallurgy

ABSTRACT: The author calculated the flattening during rolling of preparatory trains of wire-rod and light structural rolling mills according to the formulae of Ekelund, Bahnitov and Siebel, and compared the results with the experimentally determined amount of flattening. Best agreement was obtained with the use of the Bahnitov formula. Orig. art. has: 2 figures and 4 tables. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 13 / SUBM DATE: none / SOV REF: 005

15
Card 1/1

UDC: 621.771.25/.26

0915 2000

MURAROIU, Ion, ing.

Group technology, a source of metal savings. Constr mas
16 no.73367-370 JI '64.

S/123/61/000/014/019/045
A004/A101

AUTHOR: Murarov, A.P.

TITLE: Quality check methods of roller joints

PERIODICAL: Referativnyy zhurnal. Mashinostroyeniye, no. 14, 1961, 18, abstract 14B107 ("Tr. Leningr. korablestroit. in-ta", 1959, no. 29, 171-179)

TEXT: There are two methods of checking the quality of roller joints: 1) the method of rating by the decreasing pipe wall thickness, degree of flaring and change of the pipe diameter outside the pipe plate and by measuring the axial elongation of the pipes; 2) a method based on the feeling of the rolling mill attendant and depending on the torques or stresses originating during the flaring of the rolling cone. The latter method was mainly applied in marine boiler construction. The possibility of using a statistical analysis method for the checking of roller joints was determined during the drilling of holes in the collectors and also by checking the accuracy of the pipes proper. It was found that the tolerance magnitude of the hole dimension should be increased up to 0.18 mm instead of 0.1 mm. The author emphasizes the advantages of the sta-

Card 1/2

Quality check methods of roller joints

S/123/61/000/014/019/045
A004/A101

tistical checking method and also the necessity of reducing the straggle of dimensions after flaring (by supplying pipes with stronger manufacturing tolerances) and of changing the dimensions of the countersinking reamers machining the holes in the collectors. There are 6 figures.

L. Bozin

[Abstracter's note: Complete translation]

Card 2/2

MURAROV, A.P., inzh.

Investigating the strength and tightness of rolled joints.
Sudostroenie 26 no. 11:46-50 N '60. (MIRA 14:1)
(Shipfitting)

MURAROV, A.P., inzh.

Effect of the degree of preparing openings on the quality of
roll-forged joints. Sudostroenie 27 no.4:53-54 Ap '61.
(MIRA 14:3)
(Shipfitting)

MURAROV, A.P., inzh.

Automating the expansion of tubes in marine boiler collectors.
Sudostroenie 28 no.8:46-48 Ag '62. (MIRA 15:8)
(Marine pipe fitting) (Automation)

VOYEVODIN, A.V., kand. sel'skokhoz. nauk; KUDEL', K.Ye., nauchnyy sotrudnik;
MURAROVA, O.I.; NIBYT, V.A.; TARASENKO, I.M., kand. biolog. nauk;
SMELYANETS, V.P.; PALASKAS, D.N.; KOROBATOV, V.A., starshiy nauchnyy
sotrudnik; BORDUKOVA, M.; KACHAYEVA, V., semenovod; GLINKA, Ye., agronom;
SHEVCHENKO, A.B., aspirant; BOCHAROV, K.; GLEBOV, M.A., kand. ekonom.
nauk

Results of herbicide testing. Zashch. rast. ot vred. i bol. 9
(MIRA 18:2)
no.7:23-26 '64.

1. Vsesoyuznyy institut zashchity rasteniy (for Voyevodin).
2. Ukrainskiy nauchno-issledovatel'skiy institut zashchity
rasteniy (for Kudel', Smelyanets). 3. Nachal'nik Kiyevskoy
oblastnoy stantsii zashchity rasteniy (for Murarova).
4. Zaveduyushchiy Mironovskim punktom signalizatsii (for Nibyt).
5. Nizhnedneprovskaya stantsiya obleseniya peskov i vinogradarstva
na peskakh, TSuryupinsk, Khersonskoy oblasti (for Tarasenko).
6. Zaveduyushchiy Kokandskim nablyudatel'nym punktom, Ferganskoy
oblasti (for Palaskas). 7. Azerbaydzhanskiy nauchno-issledovatel'-
skiy institut khlopkovodstva, Kirovabad (for Korobatov).
8. Zaveduyushchiy Moskovskoy kartofel'noy toksikologicheskoy
laboratoriyyey (for Bordukova). 9. Sovkhoz "Voskresenskiy",
Moskovskoy oblasti (for Kachayeva). 10. Moskovskaya
kartofel'naya toksikologicheskaya laboratoriya (for Glinka).
11. Ukrainskiy institut rasteniyevodstva, selektsii i genetiki
imeni V.Ya. Yur'yeva (for Shevchenko). 12. Nachal'nik Kurskoy stantsii
zashchity rasteniy (for Bocharov).

MURAV'IV, V. P.

"List of Literature on Mosaic Diseases of Sugar Beets," in Mosaic Diseases of Sugar Beets, a Collection of Articles, Publishing House of the Variety-Seed Administration of the State All Union Association of Sugar Industries, Kiev, 1930, pp. 281-286. 464.04 Sa2

To: Sira - Si-90-53, 15 Dec. 1953

PTA

MURAS, K

10

1006

Eugen K. Muras K Automatic Weighing Feeder for a Series of Carding Machines

675-001

Automatyczny samozastawacz ważący przy zespole urządzeń do mycia włókien No. 4, 1931, pp. 143-148, 6 figs

The importance of proper feeding of carding machines in wool spinning mills. Description of an automatic feeding installation for carding machines. Functioning and adjustment of the weighing equipment. Analysis of operating, together with directives for application in future construction schemes.

POLAND, 1.

The CS-1 double card. p. 236.

(ZESZYT MIESIĘCZNY. Vol. 11, No. 5, May 1951. Warsaw, Poland)

SL: Monthly List of East European Accessions (SLA) .S. Vol. 6, No. 1, October 1951. Encl.

MURAS, K.

~~2~~
Garnetting machines of recovering wool fibers from thread wastes and woolen materials. p. 282.

PRZEGLAD WLOKLENNICZY. (Stowarzyszenie Inżynierów i Techników Przemysłu Słodkonienniczego) Łódź, Poland. Vol. 12, no. 5/6, May/June 1958.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no. 7, July 1959.

Uncl.

Muras, K.

Technical description of the new card set type CR-34. p. 375.

PRZEGLAD WLOKIENNICY. (Stowarzyszenie Inżynierów i Techników Przemysłu Włokiemniczego) Łódź, Poland. Vol. 13, No. 7, July 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1969.

Uncl.

MURAS, V.A. [Muras, V.O.]

Bacterial diseases of the soybean. Mikrobiol. zhur. 23 no.2:68-
72 '61. (MIRA 14:7)
(SOYBEAN--DISEASES AND PESTS) (BACTERIA, PHYTOPATHOGENIC)

MURAS, V.A.

Angular spots of the soybean and biology of their pathogenic agent. Mikrobiol. zhur. 26 no.2:83-88 '64. (MIRA 18:8)

1. Institut mikrobiologii AN UkrSSR.

MURAS, V.A. [Signature]

Pustular bacteriosis of soybean and the biology of its causative
agent. Mikrobiol.shur. 26 no.4:62-66 '64.

(MIPA 18:10)

1. Institut mikrobiologii i virusologii AN UkrSSR.

MURAS, V. S.

PA 163T66

USSR/Metals - Testing Tools Jun 50
Tools, Cutting

"Studying the Wear of Cutters by the Method of
'Freezing,'" V. S. Muras

"Zavod Lab" Vol XVI, No 6, p 759

Suggests method for studying wear of metal-cutting tools with aid of their impressions made by dipping cutter tip at various wearing stages into molten-type metal for short period, permitting thin coat of metal to be "frozen" on the cutter surface. Photographs made under microscope from polished cross-sections of these impressions illustrate entire process of wear.

163T66

MURAS, V. S.

USSR/Engineering - Wire Drawing

1 Aug 53

"Electrolytic Heating as Means of Intensifying the Drawing Processes, "S. I. Gubkin,
Act Mem Acad Sci Belorussian SSR, and V. S. Muras

DAN SSSR, Vol 91, No 4, pp 803-806

Electrolytic heating secures bright annealing during drawing of various conducting
materials, such as Cu, brass, Al, Steel. Application of method is described
Rec 4 May 53.

272T29

MURAS, V.S.

Evaluating drawing processes. Sbor.nauch.trud. Fiz.-tekhn.inst. AM
BSSR no.2:66-80 '55. (MIRA 10:1)
(Drawing (Metalwork))

MURAS, V.

137-58-1-1221

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 164 (USSR)

AUTHOR: Muras, V. S.

TITLE: Some Aspects of the Electrolytic Heating Process (Nekotoryye elementy protsessa elektrolitnogo nagрева)

PERIODICAL: Sb. nauch. tr. Fiz.-tekhn. in-t AN BSSR, 1956, Nr 3,
pp 87-104

ABSTRACT: A description is offered of certain electrophysical and thermal phenomena occurring in electrolytic heating (the phenomena occurring at the electrodes during a smooth increase of the potential difference between them; the appearance of a "stable stage" of heating, the appearance of an arc-discharge stage, the switching on of current of given voltage, the role of the gas envelope, etc.). Mathematical equations for determining a number of parameters of the process are presented.
Bibliography: 7 references.

M. Ch.

1. Electrodes--Thermal effects 2. Electrodes--Reactions
--Mathematical analysis

Card 1/1

SOV/137-57-10-19120

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 10, p 98 (USSR)

AUTHORS: Muras, V.S., Yushkov, A.V.

TITLE: Drop-forging a Bending Rod With Electrolytic Heating (Shtam-povka izgibayushchegosya sterzhnya s elektrolitnym nagrevom)

PERIODICAL: Sb. nauchn. tr. Fiz.-tekhn. in-t AN BSSR, 1956, Nr 3, pp 105-113

ABSTRACT: An investigation is performed showing the possibility of upsetting (U) rods in which the ratio of the length of the upset portion to billet diameter is >2.4 , thus making it possible to reduce the number of passes in press forging. Important factors in reducing the number of passes are elimination of the practice of heating too long a portion of the billet and use of one-shot U of the billet in faceted dies. The design of a die for U long forgings on a short-stroke crank press is presented.

M. Ts.

Card 1/1

SOV/137-59-1-1734

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 228 (USSR)

AUTHOR: Muras, V. S.

TITLE: Novel Devices for Electrolytic Heating of Parts Prior to Stamping
and Principles of Their Operation (Novyye ustroystva elektrolitnogo
nagreva pri obrabotke davleniyem i printsipy ikh raboty)

PERIODICAL: V sb.: Materialy Konferentsii po usoversh. tekhnol. obrabotki
metallov davleniyem. Minsk, Belorussk. un-t, 1958, pp 39-58

ABSTRACT: A description of the design of devices employed for electrolytic
preheating of blanks prior to stamping, as well as for bright
annealing and subsequent heating of rods, pipes, strips, wire, etc.
Ye L.

Card 1/1